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Attorney's Docket No: **B0801/7234**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : George Mutter
Serial No. : 09/977,054
Confirm. No. : 1813
Filed : October 12, 2001
For : METHOD AND DISPLAY FOR MULTIVARIATE CLASSIFICATION
Examiner : Unknown
Art Unit : 3653

Box Missing Parts
Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Please amend the application as follows. Applicants have attached a page showing the amended claim marked up to show insertions and deletions by underlining and bracketing, respectively.

In the Claims

Please cancel claims 11-18 without prejudice.

Please amend the claims as follows:

19.(amended) A method of classifying an unknown tissue, comprising steps of:
measuring values of each variable of a set of variables for an index group of tissues and a
contrast group of tissues,

calculating mean value and differences of mean value for each variable of the set of variables from the index group of tissues and the contrast group of tissues,
ranking the means and differences of the means between the index and the contrast groups,
determining values of each variable in the set of variables in an unknown tissue, and
comparing the measured values in the unknown tissue to rank orders selected from the group consisting of ranked means of the index group, ranked means of the contrast group, and differences of the means between the index and the contrast groups.

Remarks

Applicant has canceled claims 11-18 to reduce filing fees. Applicant has amended claim 19 to provide correct Markush group language. No new matter has been added.

Respectfully submitted,

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Amended Claim

19.(amended) A method of classifying an unknown tissue, comprising steps of:

measuring values of each variable of a set of variables for an index group of tissues and a contrast group of tissues,

calculating mean value and differences of mean value for each variable of the set of variables from the index group of tissues and the contrast group of tissues,

ranking the means and differences of the means between the index and the contrast groups,

determining values of each variable in the set of variables in an unknown tissue, and

comparing the measured values in the unknown tissue to rank orders selected from the group consisting of ranked means of the index group, ranked means of the contrast group, and differences of the means between the index and the contrast groups.